



HUMIDITY CONTROL

# BUILT FOR GROW

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# WHO WE ARE

Committed to cultivation.

Trusted humidity control and horticulture experts.

# WHAT WE PROVIDE

Design solutions for cultivators and engineers -

proven to increase your yield and protect your crop.

## **APPLICATION GUIDANCE**

Success starts with planning

## **DESIGN & INSTALLATION EXPERTISE**

Comprehensive using our team of experts

## **TECHNICAL & DISTRIBUTION SUPPORT**

Let's make it happen



Tested and proven in the real world. Relied upon by cultivation experts for sizing and application guidance. From design, delivery, installation and setup, to service, our team will help you every step along the way.

Better value, lower costs. We are committed to you.



“

*I HAVE  
NEVER HAD  
SUCH TIGHT,  
CONSISTENT  
CONTROL.”*

**-BLAZE**

# ROOTED IN QUALITY

**BETTER VALUE, LOWER COSTS.  
WE ARE COMMITTED TO THE CULTIVATOR!**

Tested and proven in the real world. Relied upon by cultivation experts for sizing and application guidance. Design, delivery, installation and setup, to service, our team will help you every step along the way.

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Every cultivator is growing within specific environmental conditions – temperature and humidity – designed to create specific strains. Unfortunately, when inefficient environmental solutions cause mold and fungus to creep in, they can destroy your crops.

**There are only two ways to really eliminate these harmful elements from your grow room:**

1. You can use chemicals, which can affect the quality and potency of your yield.
2. You can go the organic route by creating a balanced environment for your crop to thrive in.

Anden products are **designed and built for cultivation**, with materials proven to perform in the extreme conditions. Utilizing Anden for your facility will help ensure you achieve your desired humidity balance for maximum growth potential.



# PRODUCT SPECIFICATIONS

Humidity Control Built For Grow - Dehumidifiers and Steam Humidifiers

Craft Grower to Commercial Cultivation

	Model	Capacity (Water Removal @ 80°F/60% RH)	Energy factor (Efficiency @ 80°F/60% RH)	Power (Watts @ 80°F/60% RH)
	<b>A710V1</b>	710 pints/day	3.0 L/kWh (6.35 pints/kWh)	4,706
	<b>A710V3</b>	710 pints/day	3.0 L/kWh (6.35 pints/kWh)	4,820
	<b>A320V1</b>	320 pints/day	2.9 L/kWh (6.0 pints/kWh)	2,310
	<b>A320V3</b>	315 pints/day	2.6 L/kWh (5.5 pints/kWh)	2,450
	<b>A210V1</b>	210 pints/day	3.0 L/kWh (6.3 pints/kWh)	1,450
	<b>A130</b>	130 pints/day	2.8 L/kWh (5.9 pints/kWh)	920
	<b>A100</b>	100 pints/day	2.6 L/kWh (5.5 pints/kWh)	750
	<b>A70</b>	70 pints/day	2.1 L/kWh (4.4 pints/kWh)	645

Steam Humidifiers

	Model	Capacity (@ 80°F/60% RH)	Current Draw	Voltage
	<b>AS150</b>	1,200 pints/day	48 Amps	240VAC, 3 Phase
	<b>AS35/FP</b>	92-277 pints/day	11 to 16 Amps	120-208-240VAC

# BETTER | FASTER | SMARTER

Current draw	Voltage, Phase, Frequency	Dimensions (Cabinet only)	Weight	Air filter	Power cord
19.6 Amps	208/240VAC 1 Phase 60 Hz	Width 44 <sup>7</sup> / <sub>8</sub> " Height 34 <sup>13</sup> / <sub>32</sub> " Length 31 <sup>23</sup> / <sub>32</sub> "	360 lbs.	MERV 11 disposable	SJT, L6-30P, 10'
17.4 Amps	277VAC 1 Phase 60 Hz	Width 44 <sup>7</sup> / <sub>8</sub> " Height 34 <sup>13</sup> / <sub>32</sub> " Length 31 <sup>23</sup> / <sub>32</sub> "	360 lbs.	MERV 11 disposable	SJT, L7-30P, 10'
11.1 Amps	208/240VAC 1 Phase 60 Hz	Width 32 <sup>5</sup> / <sub>8</sub> " Height 24" Length 24 <sup>1</sup> / <sub>4</sub> "	180 lbs.	MERV 11 disposable	SJT, 6-20P, 10'
9.2 Amps	277VAC 1 Phase 60 Hz	Width 32 <sup>5</sup> / <sub>8</sub> " Height 24" Length 24 <sup>1</sup> / <sub>4</sub> "	180 lbs.	MERV 11 disposable	SJT, L7-20P, 10'
7.1 Amps	208/240VAC 1 Phase 60 Hz	Width 19 <sup>1</sup> / <sub>2</sub> " Height 18 <sup>3</sup> / <sub>4</sub> " Length 30 <sup>1</sup> / <sub>8</sub> "	118 lbs.	MERV 11 disposable	SJT, 6-15P, 10'
8.3 Amps	120VAC 1 Phase 60 Hz	Width 19 <sup>1</sup> / <sub>2</sub> " Height 18 <sup>3</sup> / <sub>4</sub> " Length 30 <sup>1</sup> / <sub>16</sub> "	113 lbs.	MERV 11 disposable	8' 120VAC Grounded Plug
6.9 Amps	120VAC 1 Phase 60 Hz	Width 14" Height 15" Length 26"	64 lbs.	MERV 11 disposable	8' 120VAC Grounded Plug
5.8 Amps	120VAC 1 Phase 60 Hz	Width 12 <sup>1</sup> / <sub>2</sub> " Height 12 <sup>1</sup> / <sub>2</sub> " Length 25"	56 lbs.	MERV 11 disposable	8' 120VAC Grounded Plug

Model	Includes In-Room Fan Pack	Includes Steam Dispersion Tube for HVAC Installation
AS150	YES	No
AS35	No	YES
AS35FP	YES	No

# MODEL A710



PINTS  
**710**  
PER DAY

W: 44 <sup>7</sup>/<sub>8</sub>" H: 34 <sup>13</sup>/<sub>32</sub>" L: 31 <sup>23</sup>/<sub>32</sub>"

High capacity. Maximizes VPD.  
**Optimized for late flower.**



anden introduces



The Anden A710 features VLGR technology, which modulates the refrigeration system based on the load, allowing you to maximize VPD and provide greater control during late flower conditions.

**The industry's first Variable-speed, Low Grain Refrigerant dehumidifier!** Designed exclusively for cultivation, delivering the most moisture removal on the market for your initial investment. Simply put, Anden offers the highest value meaning MORE pints per penny.

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### THE MOST WATER FOR YOUR DOLLAR.

The Anden A710 offers the highest value on the market in terms of \$ per pint of moisture removed.

### DESIGNED FOR GROW. TUNED FOR MAX VPD.

The Anden A710 gives you tight control over VPD across grow conditions and unlocks the ability to control terpene production, enhance color profiles, and increase THC levels.

### MAKE THE MOST OF YOUR AVAILABLE AMPS.

The A710 removes more moisture per 30-amp circuit than any dehumidifier on the market — besting the closest competitor by more than 40%.



Maximize Amp Usage



Optimal VPD Performance



Fast, Smooth Startup to Peak Performance



Late-Flower Optimization



Variable-Speed, Low Grain Refrigerant

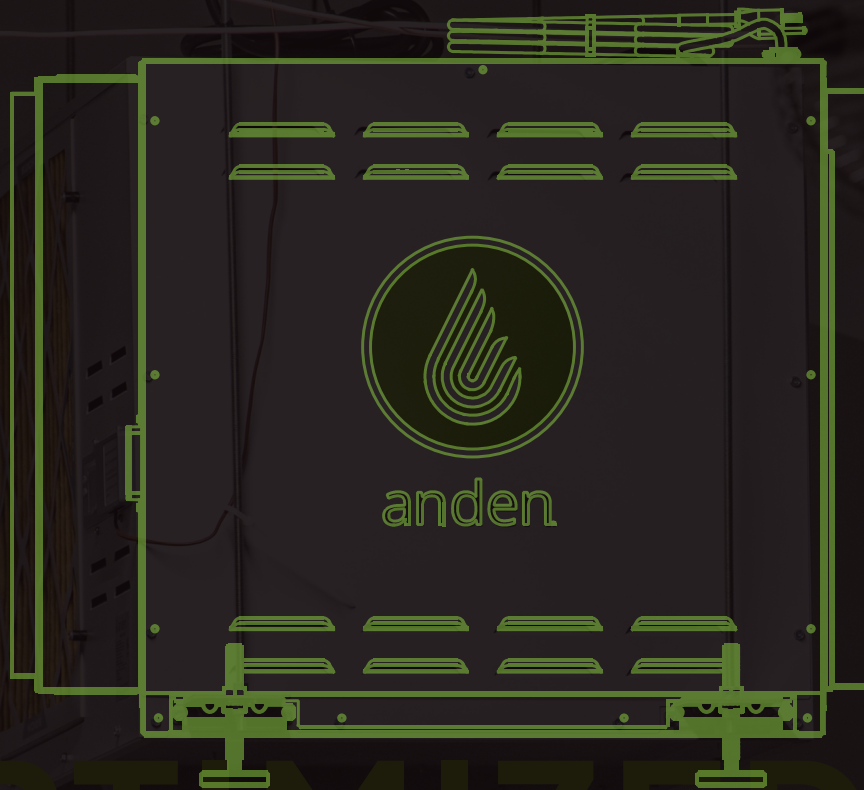


High Capacity



Tight Controls

# HIGH-CAPACITY, GROW-OPTIMIZED DEHUMIDIFIER



“ FIRST TIME WE HAVE BEEN ABLE  
TO HIT OUR DESIRED RH AT NIGHT.  
- GREG S. (CULTIVATION MANAGER, SHANGO) ”



GROW OPTIMIZED  
INDUSTRIAL

GROW OPTIMIZED  
INDUSTRIAL

**320**  
PINTS PER DAY



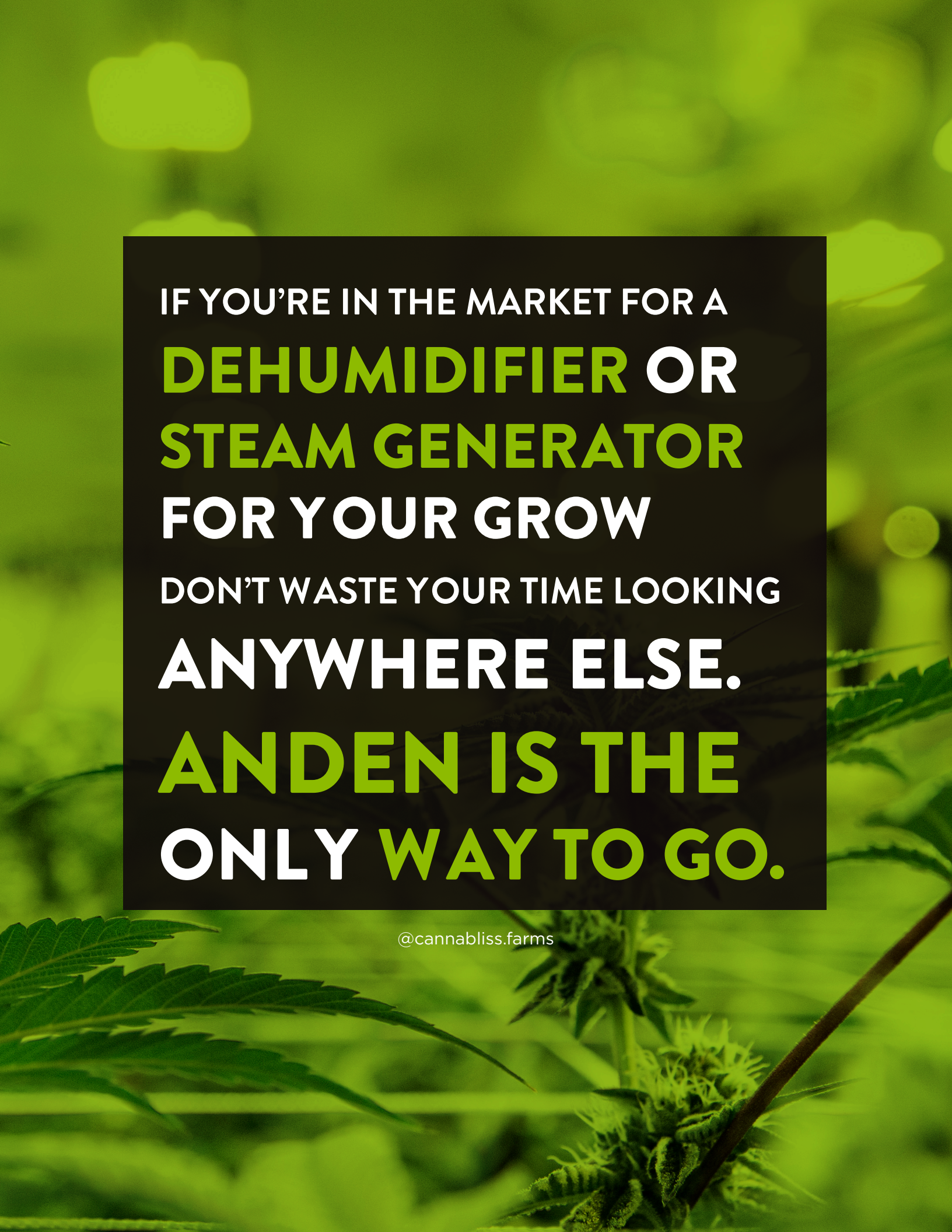
**210**  
PINTS PER DAY



## Designed and Built for Cultivation.

Our high-capacity, grow-optimized dehumidifiers can remove up to 320 pints of moisture per day and circulate up to 830 cubic feet per minute. Designed and built for professional cultivation, with components proven to perform in the grow room environment. Setup is simple, and humidity is constantly controlled to help prevent crop disease and pests. Complete with a 5-year warranty.





IF YOU'RE IN THE MARKET FOR A  
**DEHUMIDIFIER OR**  
**STEAM GENERATOR**  
FOR YOUR GROW  
DON'T WASTE YOUR TIME LOOKING  
**ANYWHERE ELSE.**  
**ANDEN IS THE**  
**ONLY WAY TO GO.**

@cannabliss.farms

# MEDIUM-CAPACITY, COMMERCIAL-GRADE DEHUMIDIFIER

PERFECT FOR THE CRAFT FARMER



**130**

**PINTS  
PER DAY**  
at 80°F/60% RH

A130

**100**

**PINTS  
PER DAY**  
at 80°F/60% RH

A100



**70**

**PINTS  
PER DAY**  
at 80°F/60% RH

A70

“THE NUMBER ONE DIFFERENCE BETWEEN ANDEN AND THE OTHERS IS THE PRODUCT ITSELF - IT'S JUST SUPERIOR.”

- JOSHUA SANDOVAL, DIRECTOR OF CULTIVATION AT THE ORIGINALS

## Quick Sizing Guidance

Anden Model	Pints Per Day Capacity @			Voltage	Pints/kWH 80°F/60% RH	Unit sizing based on number of lights 80°F/60% RH
	80°F/80% RH	80°F/60% RH	75°F/55% RH			
A70	<b>105</b>	70	60	120	4.4	3.5 lights
A100	<b>150</b>	100	75	120	5.5	5 lights
A130	<b>210</b>	130	95	120	6.1	6.5 lights

# HIGH-CAPACITY STEAM HUMIDIFICATION

UP TO  
**1200**

PINTS  
PER DAY  
at 80°F/60% RH

AS150



## CLEAN, STERILE STEAM

Anden AS150 High-Capacity Steam Humidifier with



Vapor-logic® works directly with your building management software for convenience and ease of application, while the 240-volt, 3-phase power helps save your amps.



High Capacity



Hyperfast Adsorption




Fan Pack Included\*

## Modulating control of humidity

Maintains the extremely precise RH levels required in the growing and curing environments.


# MEDIUM-CAPACITY STEAM HUMIDIFICATION

AS35



anden


AS35FP



anden


**UP TO 277**

**PINTS PER DAY**  
at 80°F/60% RH




ON OFF anden

**DISPERSION TUBE**




Available with Model AS35 only



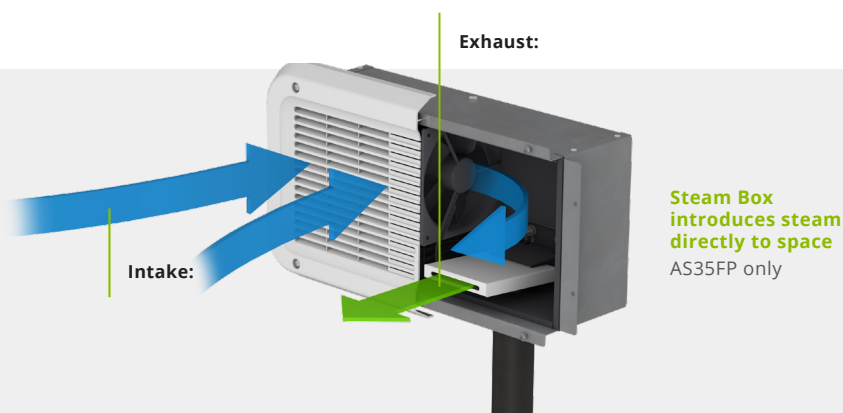
ON OFF anden

**FAN PACK**



Available with Model AS35FP only

## Deliver Pure, Clean Steam.



**CONTROL  
YOUR  
GROW™**



**FOR PROFESSIONAL SIZING  
OR TECHNICAL SUPPORT,  
GIVE US A CALL**

**800.972.3710**

**AFTER HOURS SUPPORT:**

**608.440.0983**

**ANDEN.COM**